

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A ~~broadcast~~ program recording and playing apparatus comprising:

program management means for managing a database that stores program information for ~~broadcast~~ programs;

transmission means for transmitting the program information stored in the database to an electronic apparatus using wireless communication;

control means for controlling, recording and playing ~~broadcast~~ programs in accordance with received selection information;

determination means for determining whether the selection information indicates information that has been recorded previously by the apparatus having functions of recording and playing ~~broadcast~~ programs and for designating a point for which to begin playback when the determination means determines the information has been recorded previously as a function of the selection information,

wherein the apparatus prepares for playing in accordance with the designation and transmits an acknowledgement, and

wherein, when the acknowledgement is confirmed, playback is ready to begin;
and

switching means for switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.

2. (Currently Amended) A ~~broadcast~~ program recording and playing apparatus according to claim 1, wherein said electronic apparatus comprises a portable terminal.

3. (Currently Amended) A ~~broadcast~~ program recording and playing apparatus according to claim 2, wherein said portable terminal comprises a private apparatus.

4. (Currently Amended) A ~~broadcast~~ program recording and playing apparatus according to claim 1, wherein the apparatus having functions of recording and playing ~~broadcast~~ programs comprises an audio apparatus or a video apparatus.

5. (Canceled)

6. (Currently Amended) A ~~broadcast~~ program recording and playing apparatus according to claim 1, wherein the wireless communication with said electronic apparatus is switched between communication using a public circuit and short-distance wireless communication.

7. (Currently Amended) A ~~broadcast~~ program recording and playing apparatus according to claim 6, wherein the short-distance wireless communication is based on

the Bluetooth system.

8. (Currently Amended) A ~~broadcast~~ program recording and playing apparatus according to claim 6, wherein the short-distance wireless communication is based on an infrared data communication system.

9. (Currently Amended) A portable terminal for recording and playing ~~broadcast~~ programs, comprising:

transmission means for transmitting program information stored in a database that stores the program information for ~~broadcast~~ programs to an electronic apparatus using wireless communication;

display means for displaying the program information obtained using said transmission means;

command transmission means for transmitting a command that controls recording and playing ~~broadcast~~ programs to a server that controls recording and playing performed by the apparatus;

~~determination means for determining whether the command indicates information that has been recorded by the apparatus having functions of recording and playing broadcast programs~~

determination means for determining whether the selection information indicates information that has been recorded previously by the apparatus having functions of recording and playing programs and for designating a point for which to begin playback when the

determination means determines the information has been recorded previously as a function of the selection information,

wherein the apparatus prepares for playing in accordance with the designation and transmits an acknowledgement, and

wherein, when the acknowledgement is confirmed, playback is ready to begin;

and

switching means for switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.

10. (Currently Amended) A portable terminal for recording and playing ~~broadcast~~ programs according to claim 9, wherein said portable terminal is a feature of the electronic apparatus.

11. (Currently Amended) A portable terminal for recording and playing ~~broadcast~~ programs according to claim 10, wherein said portable terminal comprises a private apparatus.

12. (Currently Amended) A portable terminal for recording and playing ~~broadcast~~ programs according to claim 9, wherein the apparatus having functions of recording and playing ~~broadcast~~ programs comprises an audio apparatus or a video apparatus.

13. (Canceled)

14. (Currently Amended) A portable terminal for recording and playing ~~broadcast~~ programs according to claim 9, wherein the wireless communication with said electronic apparatus is switched between communication using a public circuit and short-distance wireless communication.

15. (Currently Amended) A portable terminal for recording and playing ~~broadcast~~ programs according to claim 14, wherein the short-distance wireless communication is based on the Bluetooth system.

16. (Currently Amended) A portable terminal for recording and playing ~~broadcast~~ programs according to claim 14, wherein the short-distance wireless communication is based on an infrared data communication system.

17. (New) A program recording and playing method comprising:
managing a database that stores program information for programs;
transmitting the program information stored in the database to an electronic apparatus using wireless communication;
controlling, recording and playing programs in accordance with received selection information;
determining whether the selection information indicates information that has been recorded previously;

designating a point for which to begin playback when the information has been recorded previously;

transmitting an acknowledgement, such that when the acknowledgement is confirmed, playback is ready to begin; and

switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.

18. (New) A method for recording and playing programs, comprising:
transmitting program information stored in a database that stores the program information for programs to an electronic apparatus using wireless communication;
displaying the program information obtained;
transmitting a command that controls recording and playing programs to a server that controls recording and playing performed by the apparatus;
determining whether the selection information indicates information that has been recorded previously by the apparatus having functions of recording and playing programs;
designating a point for which to begin playback when the information has been recorded previously as a function of the selection information;
preparing for playing in accordance with the designation;
transmitting an acknowledgement such that when the acknowledgement is confirmed, playback is ready to begin; and

switching a wireless communication unit between communication using a public circuit based on a spread spectrum communication system and short-distance wireless communication based on the spread spectrum communication system.